

A B S T R A C T

A wiper arm is reciprocated for wiping by rotating a motor forward and reversely. The operation of the wiper arm is controlled according to an absolute position signal outputted when the wiper arm exists at a predetermined position and a motor pulse (relative position signal) outputted as the motor rotates. Input of the motor pulse is recognized. When an abnormality occurs in the motor pulse, the motor is rotated forward for a predetermined time at a constant duty. After a forward driving, the motor is rotated reversely for a predetermined time at a constant duty. Consequently, the wiper arm continues reciprocal wiping operation even when a relative position signal is abnormal, thus ensuring visibility of the driver. Forward/reverse operation is continued for a predetermined time, and then the motor is stopped.